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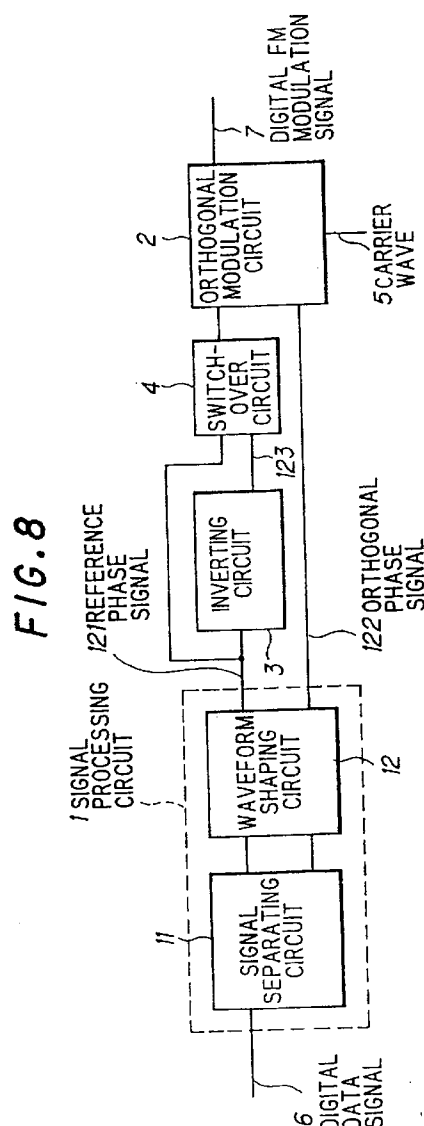
(71) Applicant : **NEC CORPORATION**
7-1, Shiba 5-chome Minato-ku
Tokyo 108-01 (JP)

(72) Inventor : **Shimizu, Hiroyuki**
c/o NEC Corporation, 7-1 Shiba 5-chome
Minato-ku, Tokyo 108-01 (JP)

(74) Representative : **Abnett, Richard Charles**
REDDIE & GROSE 16 Theobalds Road
London WC1X 8PL (GB)

(54) **MSK-modulator.**

(57) In an MSK transmitter, the digital data signal is split (11) into I and Q channels (121,122). Instead of applying these directly to the quadrature modulator (2), the I channel is applied first to an inverter (3), and the switch (4) selects either the I signal (121) or the inverted I (123) signal. The unaltered I signal is used when the local oscillator in the receiver is synchronous to that in the transmitter. Otherwise the inverted I signal is used.





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EUROPEAN SEARCH REPORT

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EP 92 30 4986

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	IEEE TRANSACTIONS ON COMMUNICATIONS vol. 19, no. 6, December 1971, NEW YORK US pages 1200 - 1210 E.R. CACCIAMANI / C.J. WOLEJSZA, JR.: 'Phase-Ambiguity Resolution in a Four-Phase PSK Communications System.' * page 1201, right column, line 21 - line 40 * * note 3 *	1-4	H04L27/18 H04L27/10
A	DE-A-3 333 609 (LICENTIA PATENT-VERWALTUNGS-GMBH) * the whole document *	1,3	
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 019 (E-292)(1742) & JP-A-59 167 167 (FUJITSU K. K.) * abstract *	1,3	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 297 (E-444)(2353) & JP-A-61 112 459 (NEC CORPORATION) * abstract *	1,3	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 91 (E-394)(2148) & JP-A-60 233 949 (NIPPON DENKI K.K.) * abstract *	1,3	H04L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 FEBRUARY 1993	Examiner GRIES T.M.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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